

# FIRESTOP GUN GRADE SILICONE SEALANT CFS-S SIL GG

## Product description

- A silicone based firestop sealant that provides maximum movement in fire-rated joints, and seals through-penetration applications

## Product features

- Halogen and solvent free
- Asbestos free
- Simple to use and apply
- Good adhesion without use of a primer
- Excellent movement capability, meets 500 cycle requirements (ASTM C719 and UL 2079)
- Smoke, fume, water and UV resistant
- Meets Class I W-rating requirements
- Meets LEED™ requirements for indoor environmental quality credit 4.1 Low Emitting Materials, Sealants and Adhesives and 4.2 Paints and Coatings

## Areas of application

- Sealing construction/expansion joints
- Top-of-wall joints
- Metal pipes
- Cable bundles
- HVAC penetrations

## For use with

- Various base materials such as masonry, concrete, metal, etc.
- Wall and floor assemblies rated up to 4 hours

## Examples

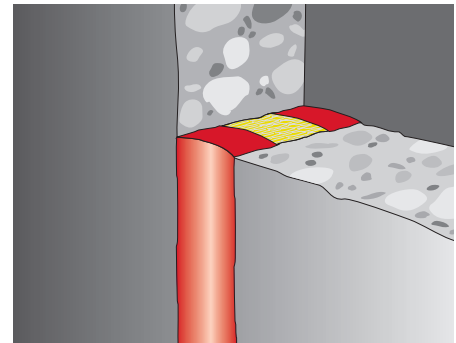
- Where a gypsum wall assembly meets the underside of a metal or concrete deck
- Sealing expansion joints to impede the passage of fire, smoke and toxic fumes
- Sealing around penetrations through fire-rated assemblies

## Installation instructions

- See Hilti literature or third-party listings for complete application and installation details

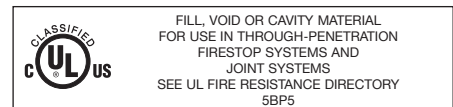
## Technical data

<b>Chemical basis</b>	Neutral elastic silicone
<b>Density</b>	87.4 lb/ft³
<b>Color</b>	Available in red, white, and gray
<b>Application temperature</b>	35°F to 104°F (1.5°C to 40°C)*
<b>Storage Temperature</b>	35°F to 104°F (1.5°C to 40°C)
<b>Skin-forming time</b>	Approx. 15 min.
<b>Tack free time</b>	30mins (ventilated at 77°F, 80% rel. humidity)
<b>Curing time</b>	4mm / 3 days
<b>Volume shrinkage</b>	Approx. 0 - 5%
<b>Movement capability (UL 2079) (ASTM C 920)</b>	Up to 33%
<b>FBC (Lubrizol) compatible</b>	Yes
<b>Intumescent</b>	No
<b>LEED VOC</b>	41.11 g/L
<b>LEED V4 Compliant</b>	Yes (GDPH 1.2-2017)
<b>Mold and mildew</b>	Class 0 (ASTM G21-96)
<b>Shelf life</b>	12 months
<b>Water tightness</b>	Yes
<b>W-rating</b>	Yes
<b>CSFM approval</b>	Yes (Listing 4485-1200:0123 for Through-Penetrations & 1452-1200:0113 for joint systems)
<b>Temperature resistance</b>	-40°F to 300°F (-40°C to 149°C)
<b>Surface burning characteristics (ASTM E84-12)</b>	Flame spread: 0 Smoke development: 25
<b>Surface burning characteristics (CAN S102)</b>	Flame spread: 0 Smoke envelopment: 35
<b>Sound transmission classification (ASTM E 90-09)</b>	59 (Relates to specific construction)
<b>Tested in accordance with</b>	UL 2079, ASTM E 814, ASTM E 1966, ASTM C 920, UL 1479, ASTM E 84, ASTM G21, CAN/ULC S102, CAN/ULC-S115



## Order Information

Designation	Legend	Item number
Firestop sealant CFS-S SIL GG pail red	①	2076883
Firestop sealant CFS-S SIL GG cart red	②	2076881
Firestop sealant CFS-S SIL GG foil red		2076882
Firestop sealant CFS-S SIL GG foil white		2076729
Firestop sealant CFS-S SIL GG foil grey	③	2077322



### Volume per unit:

- Caulk tube = 10.5 f. oz (18.9in³)
- Foil = 600ml (36.4in³)
- Pail = 5gal (1,155in³)

- \* Definition = For ambient and surface temperatures between 10°F (-12°C) and 35°F, the following conditions must apply:
- Substrate surfaces are clean and dry (e.g. free of dust, rust, grease, oil, dew, frost, ice, moisture, etc);
  - Product maintained above 50°F (10°C) for a minimum of 24 hours prior to application;
  - Product will not cure at ambient temperatures below 32°F / 0°C